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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

AILES, BENJAMIN A

ART UNIT

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/731,362	Applicant(s) MORICZ, MICHAEL ZSOLT	
	Examiner BENJAMIN A. AILES	Art Unit 2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 December 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>7/26/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The instant application claims priority to provisional application 60/432,071, filed 09 December 2002.
2. Claims 1-14 have been examined.

Drawings

3. Figures 1-5 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

4. Claims 2-8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
5. Claim 2 recites the limitation "a document-location specifier" in line 3. There is insufficient antecedent basis for this limitation in the claim. It is unclear if the "document-location specifier" is the the same specifier defined in claim 1 in line 8. Correction is required. Claims 3-8 are rejected based on their dependency of claim 2.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

7. Claims 1-14 are rejected under 35 U.S.C. 102(a) as being anticipated by Greene et al. (US 2002/0143861 A1), hereinafter referred to as Greene.

8. Regarding claim 1, Greene discloses an intermediary server comprising:

a storage component (fig. 5, state information database 524; p. 4, para. 0043) that stores an association between a finite state machine and a document-location specifier (p. 4, para. 0043, store state information);

a client component (fig. 2, client 502) that executes a finite state machine corresponding to a mid-point document (fig. 5, web server 506; p. 3, para. 0040, web browser invokes web server) in order to obtain the mid-point document and a state associated with the mid-point document from a source server (p. 3, para. 0040, web server processes requests sent from client); and

a server component (fig. 5, web server 506) that receives a document-location specifier specifying the mid-point document from a client computer (p. 3, para. 0040, web server processes requests sent from client), retrieves the association between the finite state machine and the document-location specifier (p. 4, para. 0042, retrieve previously accessed web sites),

invokes the finite state machine to obtain the mid-point document and the state associated with the mid-point document from the source server (p. 4, para. 0042, retrieve previously accessed web sites), and

returns the mid-point document and state associated with the mid-point document to the client computer (p. 3, para. 0040, web server processes requests sent from client).

9. Regarding claim 2, Greene discloses the intermediary server wherein stored associations further include a parameter string (p. 4, para. 0042, state information), and wherein the server component:

receives a document-location specifier specifying the mid-point document from a client computer (p. 3, para. 0040, web server processes requests sent from client),

retrieves the association between the finite state machine, a parameter string, and the document-location specifier (p. 4, para. 0042, retrieve previously accessed web sites),

invokes the finite state machine, passing to the finite state machine the parameter string, to obtain the mid-point document and the state associated with the mid-point document from the source server (p. 4, para. 0042, retrieve previously accessed web sites), and

returns the mid-point document and state associated with the mid-point document to the client computer (p. 3, para. 0040, web server processes requests sent from client).

10. Regarding claim 3, Greene discloses the intermediary server wherein the storage component is one of:

a database management system (fig. 5, state information database 524); a searchable list of finite-state-machine/parameter-string/document-location specifier associations stored in memory; and a file-based storage component.

11. Regarding claim 4, Greene discloses the intermediary server wherein document-location specifiers are URLs, a parameter string includes one or more parameter substrings, and each parameter substring specifying a step in a web-page navigation pathway (p. 4, para. 0042, state information identifiers).

12. Regarding claim 5, Greene discloses the intermediary server wherein each parameter substring includes one of: an indication of where to find a next URL; and a next URL (p. 4, para. 0041, state information bookmarks).

13. Regarding claim 6, Greene discloses the intermediary server wherein the client component executes a finite state machine corresponding to a mid-point document by:

parsing the parameter string in order to extract each parameter substring in order; and for each extracted parameter substring, furnishing a URL specified in the extracted substring to the source server in order to obtain a document corresponding to the URL from the source server (p. 4, para., 0043, parse state information to retrieve previously saved information).

14. Regarding claim 7, Greene discloses the intermediary server wherein execution of the finite state machine further includes obtaining additional information needed to be supplied along with a URL and supplying the additional information to the source server

along with the URL specified in the extracted substring, additional information including one or more of: an authentication; a cookie (p. 4, para. 0042, retrieve further state information including cookies); input-field information.

15. Regarding claim 8, Greene discloses the intermediary server wherein the intermediary server stores a plurality of associations between finite state machines and parameter strings (fig. 5, state information database); and

wherein the server component receives URLs specifying mid-point documents from a plurality of client computers (p. 4, para. 0042, web server handles multiple clients), and for each received URL extracts a retrieval key from the received URL (p. 4, para. 0042, appropriate identification); retrieves an association between a finite-state-machine and a parameter-string corresponding to the received URL using the retrieval key (p. 4, para. 0042, retrieve appropriate state information), invokes the finite state machine, furnishing the finite state machine with the parameter string, and returns a mid-point document and state returned by the finite state machine to the client computer (p. 3, para. 0040, web server processes requests sent from client).

16. Regarding claim 9, Greene discloses a method for returning to a requesting client computer a mid-point document, the method comprising:

receiving a document-location specifier from the client computer specifying the mid-point document (p. 3, para. 0040, web server processes requests sent from client);

finding a stored association between a finite state machine corresponding to the received document-location specifier (p. 4, para. 0042, retrieve previously accessed web sites);

invoking the finite state machine to receive the mid-point document and state associated with the mid-point document from a source server (p. 4, para. 0042, retrieve previously accessed web sites); and

returning the mid-point document and state associated with the mid-point document to the client computer (p. 3, para. 0040, web server processes requests sent from client).

17. Regarding claim 10, Greene discloses the method wherein the stored association further includes a parameter string, and wherein the parameter string is passed to the finite state machine upon invoking the finite state machine (p. 4, para. 0042, retrieve previously accessed web sites).

18. Regarding claim 11, Greene discloses the method wherein the document-location specifier received from the client computer includes a retrieval key, and finding a stored association between a finite state machine and a parameter string corresponding to the received document-location specifier further includes extracting the retrieval key from the received document-location specifier (p. 4, para. 0042, appropriate identification) and using the extracted retrieval key to find the stored association between a finite state machine and a parameter string corresponding to the received document-location specifier (p. 4, para. 0042, appropriate identification).

19. Regarding claim 12, Greene discloses the method wherein the parameter string includes a number of parameter substrings and wherein invoking the finite state machine with the parameter string to receive the mid-point document and state associated with the mid-point document from a source server further includes:

parsing the parameter string in order to extract each parameter substring in order; and for each extracted parameter substring (p. 4, para., 0043, parse state information to retrieve previously saved information), furnishing a document-location specifier specified in the extracted substring to the source server in order to obtain a document corresponding to the document-location specifier from the source server (p. 3, para. 0040, web server processes requests sent from client).

20. Regarding claim 13, Greene discloses the method wherein furnishing a document-location specifier specified in the extracted substring to the source server in order to obtain a document corresponding to the document-location specifier from the source server further includes obtaining additional information needed to be supplied along with a document-location specifier and supplying the additional information to the source server along with the document-location specifier specified in the extracted substring, additional information including one or more of: an authentication; a cookie; input-field information (p. 4, para. 0042, retrieve further state information including cookies).

21. Regarding claim 14, Greene discloses the method encoded in computer instructions stored in a computer readable medium (fig. 2).

Conclusion

22. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Lund et al. (US 6,760,758 B1) teaches a system and method for coordinating network access for a plurality of user devices wherein a server is configured to establish a placeholder at the server configured to retrieve and display a subset of information indicated by the placeholder.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BENJAMIN A. AILES whose telephone number is (571)272-3899. The examiner can normally be reached on Monday-Thursday 6AM-10PM in accordance with IFP.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on (571)272-3868. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

baa

/Jason D Cardone/
Supervisory Patent Examiner, Art Unit 2145